SIEMENS

MAMMOMAT Novation

SP

Disposal Instructions

System

Disposal Instructions

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The document corresponds to the version/revision level effective at the time of system delivery. Revisions to hardcopy documentation are not automatically distributed.

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General note

The new electronic scrap regulation requires manufacturers of electronic systems and units to dispose hazardous substances in their units and systems, the disposal of hazardous substances in the unit and also when replacing problematic substances during operation.

The product-related list of hazardous substances on Page 2 - 3 of this instruction gives you an outline concerning parts and components that have to be disposed. The disposal notes and the graphics on Page 2 - 1 will help you find problematic substances in the system.

The disposal notes of the present instructions are valid when scrapping a unit replacing environmentally relevant components and parts.

Safety information

Follow all general safety guidelines

⚠WARNING

Danger of electrical shock.

Risk of death or serious physical injury.

➪ **Switch off the entire system when working on the MAMMOMAT Novation^{DR} system and ensure that it cannot be switched on inadvertently during the procedure.**

Follow also the General Safety Notes, TD00-000.860.01...

Disposal list

MAMMOMAT stand

MAMMOMAT Novation^{DR}

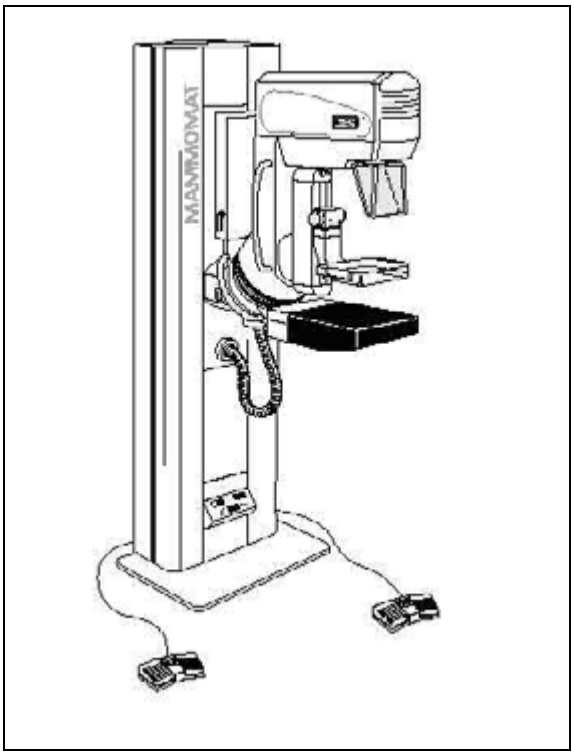

Fig. 1: MAMMOMAT stand

Radiation Protection Material

- Lead, placed in the X-ray tube, approximately 0.8 kg.
- Lead in solderings on the circuit boards, approximately 0.5 kg.
- Lead in the shield glass, approximately 6 kg.

Other Metal

- In the X-ray tube Beryllium, approximately 0.7 g.
  Nickel, approximately 50 g.
  Molybdenum/Tungsten, approximately 560 g.

Transformer Oil, type Shell 4655

- Oil, placed in the X-ray tube, approximately 3 l.
- Oil, placed in high-voltage generator, approximately 5 l.

Plastic Material

- Epoxy resin on the circuit boards, approximately 1.5 kg.
- Insulating material, PVC, from the cables, approximately 6 kg.
- Surface coating, PVC, on the stand covers, approximately 0.6 kg.
- Tube-head covers, PUR, approximately 3.5 kg.

Electrolytic Capacitors

- Capacitors in electronics on the circuit boards, approximately 2 kg.

Mechanical Hazard

Please contact your Siemens customer service.

- The tension in the counter-balance spring.
- Metal curtain (sharp edges).

Acquisition Workstation

Part Component	Position	Harmful Substances/ danger	Quantity (approx.)
Cables	Workstation 4	PVC	2.5 kg
Cables	Workstation table 5	PVC	
Monitor	Workstation 6	PVC	1
System central unit, key-board, MO drive and mouse	Workstation 7	Battery etc.	1
Lifting device	Workstation table 8	Battery etc.	1

Position of substances / Parts that are subject to mandatory disposal

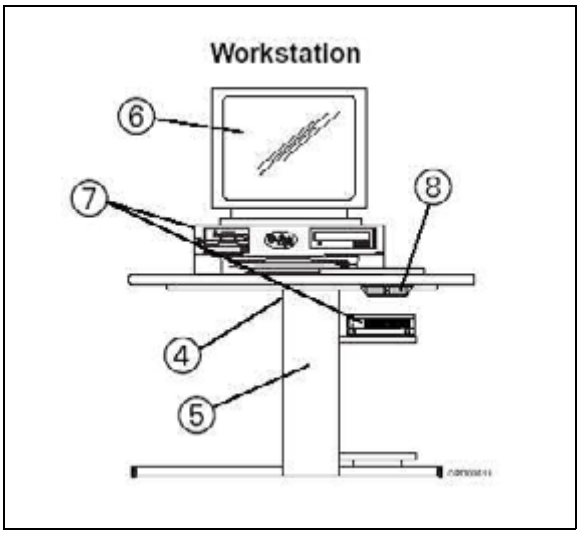

Fig. 2: Position workstation

Preparations

Workstation

Turn over the complete workstation, keyboard, mouse and MO-drive to Sun Microsystems/ SONY or to an appropriate recycling company.

- Remove cables, which contains PVC and should be disposed of accordingly.

Monitor

Contact your sales representatives for appropriate disposal.

- Remove cables, which contains PVC and should be disposed of accordingly.

Workstation table

The tabletop and the framework do not contain any harmful material. They are made from MDF board, aluminum and steel.

- The control system for the lifting device can be handled as normal electronic waste.
- The cables contains PVC and should be disposed of accordingly.

MAMMOMAT NovationDR

See documentation accompanying the product.

Chapter	Page	Change
All	All	Converted to DMS